

02/28/02  
jc846 U.S. PTO03-04-02  
A

PTO/SB/05 (08-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.UTILITY  
PATENT APPLICATION  
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	CMCC 654 DIV (2)
First Inventor	Bruce A. Yankner
Title	METHODS FOR DECREASING BETA AMYLOID PROTEIN
Express Mail Label No.	EL 778 571 835 US

APPLICATION ELEMENTS		ADDRESS TO:	
See MPEP chapter 600 concerning utility patent application contents.		Assistant Commissioner for Patents Box Patent Application Washington, DC 20231	
<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)</p> <p>2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages <u>14</u>] (preferred arrangement set forth below)           <ul style="list-style-type: none"> <li>- Descriptive title of the invention</li> <li>- Cross Reference to Related Applications</li> <li>- Statement Regarding Fed sponsored R &amp; D</li> <li>- Reference to sequence listing, a table, or a computer program listing appendix</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings (if filed)</li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul> </p> <p>4. <input type="checkbox"/> Drawing(s) (35 U.S.C. 113) [ Total Sheets <u>  </u> ]</p> <p>5. Oath or Declaration [ Total Pages <u>2</u> ]           <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> Unexecuted declaration (original or copy)</li> <li>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 17 completed)               <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</li> </ul> </li> </ul> </p> <p>6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p>			<p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p> <p>8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Computer Readable Form (CRF)</li> <li>b. Specification Sequence Listing on:               <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</li> <li>ii. <input type="checkbox"/> paper</li> </ul> </li> <li>c. <input type="checkbox"/> Statements verifying identity of above copies</li> </ul> </p>
<b>ACCOMPANYING APPLICATION PARTS</b>			
<p>9. <input type="checkbox"/> Assignment Papers (cover sheet &amp; document(s))</p> <p>10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of (when there is an assignee) <input type="checkbox"/> Attorney</p> <p>11. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</p> <p>13. <input checked="" type="checkbox"/> Preliminary Amendment</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)</p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)</p> <p>16. <input checked="" type="checkbox"/> Other: Check for \$740.00</p>			

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation  Divisional  Continuation-in-part (CIP)of prior application No.: 09,239,387

Prior application information:

Examiner Criares, T.Group / Art Unit: 1617

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion of the disclosure is omitted from the submitted application parts.

## 18. OFFICE USE ONLY: ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label	<u>23579</u>	<input type="checkbox"/> Correspondence address below
PATENT & TRADEMARK OFFICE		

Name	Patrea L. Pabst Holland & Knight LLP			
Address	One Atlantic Center Suite 2000 1201 West Peachtree Street			
City	Atlanta	State	GA	Zip Code
Country	USA	Telephone	404-817-8473	Fax

Name (Print/Type)	Patrea L. Pabst	Registration No. (Attorney/Agent)	31,284
-------------------	-----------------	-----------------------------------	--------

Signature		Date <u>2/6/2002</u>
-----------	---	----------------------

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

10/08/2002  
jc971 U.S. PTO02/28/02  
jc971 U.S. PTO

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL

## for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 740.00)

Complete if Known

Application Number	
Filing Date	February 28, 2002
First Named Inventor	Bruce A. Yankner
Examiner Name	
Group Art Unit	
Attorney Docket No.	CMCC 654 DIV (2)

## METHOD OF PAYMENT (check one)

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number	50-1868
Deposit Account Name	Holland & Knight LLP

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

Applicant claims small entity status. See 37 CFR 1.27

2.  Payment Enclosed:

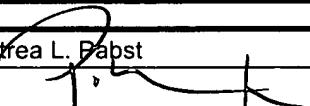
Check  Credit card  Money Order  Other

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105	130	205 65 Surcharge - late filing fee or oath	
127	50	227 25 Surcharge - late provisional filing fee or cover sheet	
139	130	139 130 Non-English specification	
147	2,520	147 2,520 For filing a request for ex parte reexamination	
112	920*	112 920* Requesting publication of SIR prior to Examiner action	
113	1,840*	113 1,840* Requesting publication of SIR after Examiner action	
115	110	215 55 Extension for reply within first month	
116	390	216 195 Extension for reply within second month	
117	890	217 445 Extension for reply within third month	
118	1,390	218 695 Extension for reply within fourth month	
128	1,890	228 945 Extension for reply within fifth month	
119	310	219 155 Notice of Appeal	
120	310	220 155 Filing a brief in support of an appeal	
121	270	221 135 Request for oral hearing	
138	1,510	138 1,510 Petition to institute a public use proceeding	
140	110	240 55 Petition to revive - unavoidable	
141	1,240	241 620 Petition to revive - unintentional	
142	1,240	242 620 Utility issue fee (or reissue)	
143	440	243 220 Design issue fee	
144	600	244 300 Plant issue fee	
122	130	122 130 Petitions to the Commissioner	
123	50	123 50 Petitions related to provisional applications	
126	240	126 240 Submission of Information Disclosure Stmt	
581	40	581 40 Recording each patent assignment per property (times number of properties)	
146	710	246 355 Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249 355 For each additional invention to be examined (37 CFR § 1.129(b))	
179	279	355 Request for Continued Examination (RCE)	
169	900	169 900 Request for expedited examination of a design application	
Other fee (specify) _____			
SUBTOTAL (1)	(\$ 740.00)	SUBTOTAL (3)	(\$)

Reduced by Basic Filing Fee Paid

SUBMITTED BY		Complete (if applicable)		
Name (Print/Type)	Patrea L. Pabst		Registration No. (Attorney/Agent)	31,284
Signature			Telephone	404-817 8473
			Date	7/16/2002

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Bruce A. Yankner and Philip Nadeau

Serial No.: Divisional of 09/239,387

Express Mail Label  
No. EL 778 571 835 US

Filed: February 28, 2002

Date of Deposit: February 28, 2002

For: METHODS FOR DECREASING BETA AMYLOID PROTEIN

Box Patent Application  
Commissioner of Patents and Trademarks  
Washington, D.C. 20231

**REQUEST FOR FILING A DIVISIONAL APPLICATION  
UNDER 37 C.F.R. § 1.53(b)**

Sir:

Pursuant to 35 U.S.C. § 21(a), as amended by Public Law 97-247, and 37 C.F.R. §§ 1.10 and 1.53(b), applicants enclose for filing the attached new patent application entitled "*Methods for Decreasing Beta Amyloid Protein*". This application is a divisional of pending prior application Serial No. 09/239,387, filed January 28, 1999, entitled "*Methods for Determining Risk of Alzheimer's Disease*" (as amended), by Bruce A. Yankner and Philip Nadeau, which is a divisional of U.S. Serial No. 09/046,235 filed March 23, 1998, now U.S. Patent No. 6,080,778. The application includes 1 page of abstract, 10 pages of specification, 3 pages of claims, and an unexecuted Declaration for Patent Application.

Divisional of U.S.S.N. 09/239,387  
Filed: February 28, 2002  
**REQUEST FOR FILING A DIVISIONAL  
APPLICATION UNDER 37 C.F.R. § 1.53(b)**  
Express Mail Label No.: EL 778 571 835 US  
Date of Deposit: February 28, 2002

The inventorship for the claims in the new application is the same as in parent application Serial No. 09/239,387.

Enclosed are a Preliminary Amendment and an Information Disclosure Statement. Please preliminarily amend the application in accordance with the Preliminary Amendment.

Also enclosed from prior application Serial No. 09/239,387 is a copy of the executed Assignment from Bruce A. Yankner and Philip Nadeau to Children's Medical Center Corporation, recorded on July 6, 1998 at Reel 9320, Frame 0779, in U.S.S.N. 09/046,235, now U.S. Patent No. 6,080,778.

This application is **not** entitled to claim small entity status pursuant to 37 C.F.R. § 1.27.

Enclosed is a check in the amount of \$740.00 to cover the filing fee for a large entity. It is believed that this is the proper filing fee since the application includes 1 independent claim and a total of 7 claims upon entry of the enclosed Preliminary Amendment.

Divisional of U.S.S.N. 09/239,387  
Filed: February 28, 2002  
**REQUEST FOR FILING A DIVISIONAL  
APPLICATION UNDER 37 C.F.R. § 1.53(b)**  
Express Mail Label No.: EL 778 571 835 US  
Date of Deposit: February 28, 2002

Also enclosed are an (a) Application Data Sheet; (b) Utility Patent

Application Transmittal; and (c) Fee Transmittal (in duplicate).

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1868.

To facilitate this process, applicants enclose a duplicate of this transmittal.

The power of attorney in the prior application is to Patrea L. Pabst.

All correspondence concerning this application should be mailed to:

Patrea L. Pabst, Esq.  
HOLLAND & KNIGHT LLP  
2000 One Atlantic Center  
1201 West Peachtree Street, N.E.  
Atlanta, GA 30309-3400

This application is being filed on February 28, 2002, by mailing the application to Box Patent Application, Commissioner of Patents and Trademarks, Washington, D.C. 20231 via the United States Postal Service "Express Mail Post Office to Addressee" Service under 37 C.F.R. § 1.10. The Express Mail Label

Divisional of U.S.S.N. 09/239,387  
Filed: February 28, 2002  
**REQUEST FOR FILING A DIVISIONAL  
APPLICATION UNDER 37 C.F.R. § 1.53(b)**  
Express Mail Label No.: EL 778 571 835 US  
Date of Deposit: February 28, 2002

number appears in the heading of this paper which is attached to the application  
papers pursuant to 37 C.F.R. § 1.10(b).

Respectfully submitted,



Patrea L. Pabst  
Reg. No. 31,284

Date: February 28, 2002

HOLLAND & KNIGHT LLP  
2000 One Atlantic Center  
1201 West Peachtree Street, N.E.  
Atlanta, Georgia 30309-3400  
(404) 817-8473 (Telephone)  
(404) 817-8588 (Fax)

Divisional of U.S.S.N. 09/239,387  
Filed: February 28, 2002  
**REQUEST FOR FILING A DIVISIONAL  
APPLICATION UNDER 37 C.F.R. § 1.53(b)**  
Express Mail Label No.: EL 778 571 835 US  
Date of Deposit: February 28, 2002

**CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.10**

I hereby certify that this paper and any documents referred to as attached or enclosed are being deposited with the United States Postal Service on this date, February 28, 2002, in an envelope as "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10, Express Mail Label No. EL 778 571 835 US, addressed to Box Patent Application, Commissioner of Patents and Trademarks, Washington, D.C. 20231.

*Pam Turnbough*  
\_\_\_\_\_  
Pam Turnbough

Date: February 28, 2002

ATL1 #504884 v1